

FIG. 1

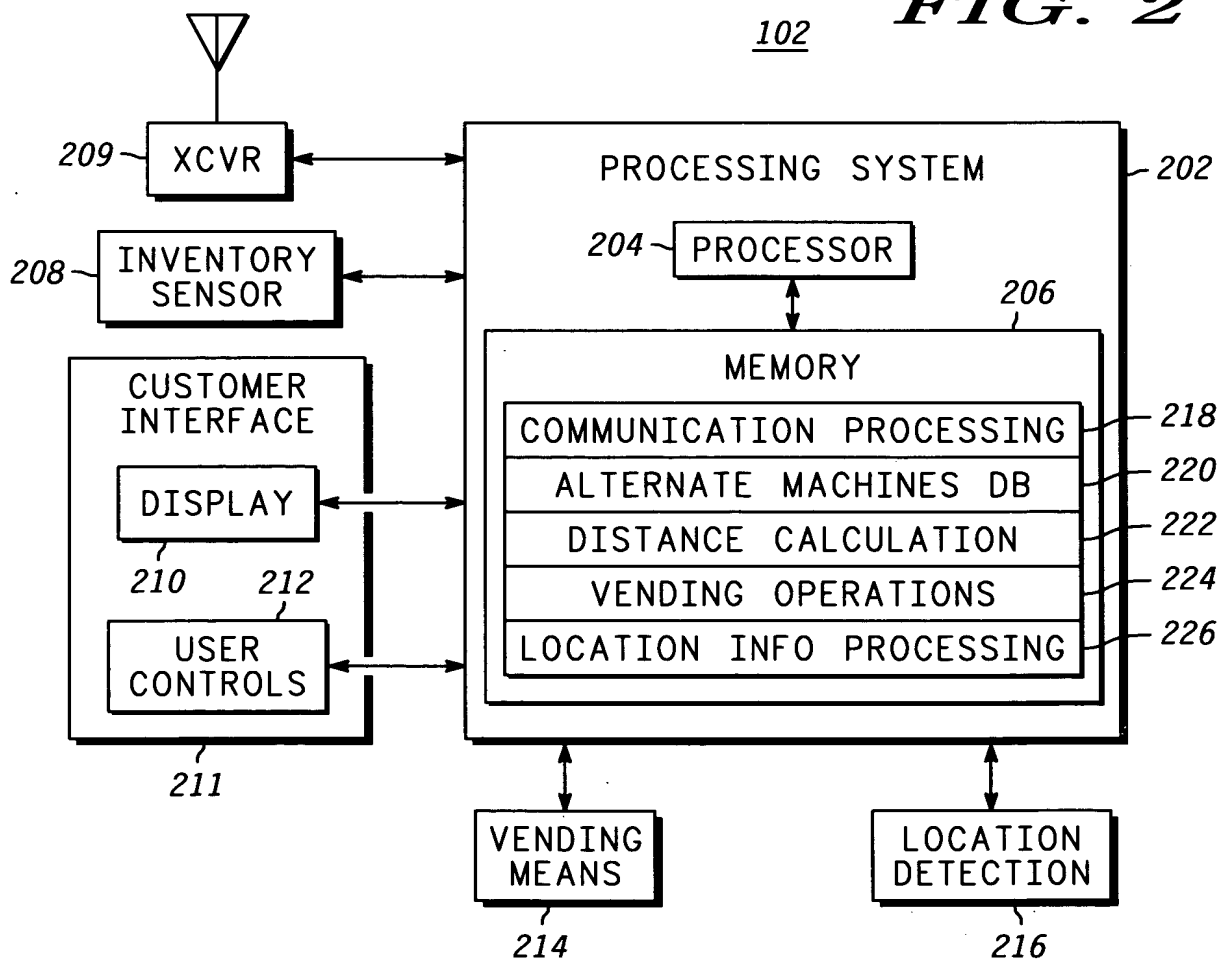


FIG. 2

00378586 082099
660280 98582660

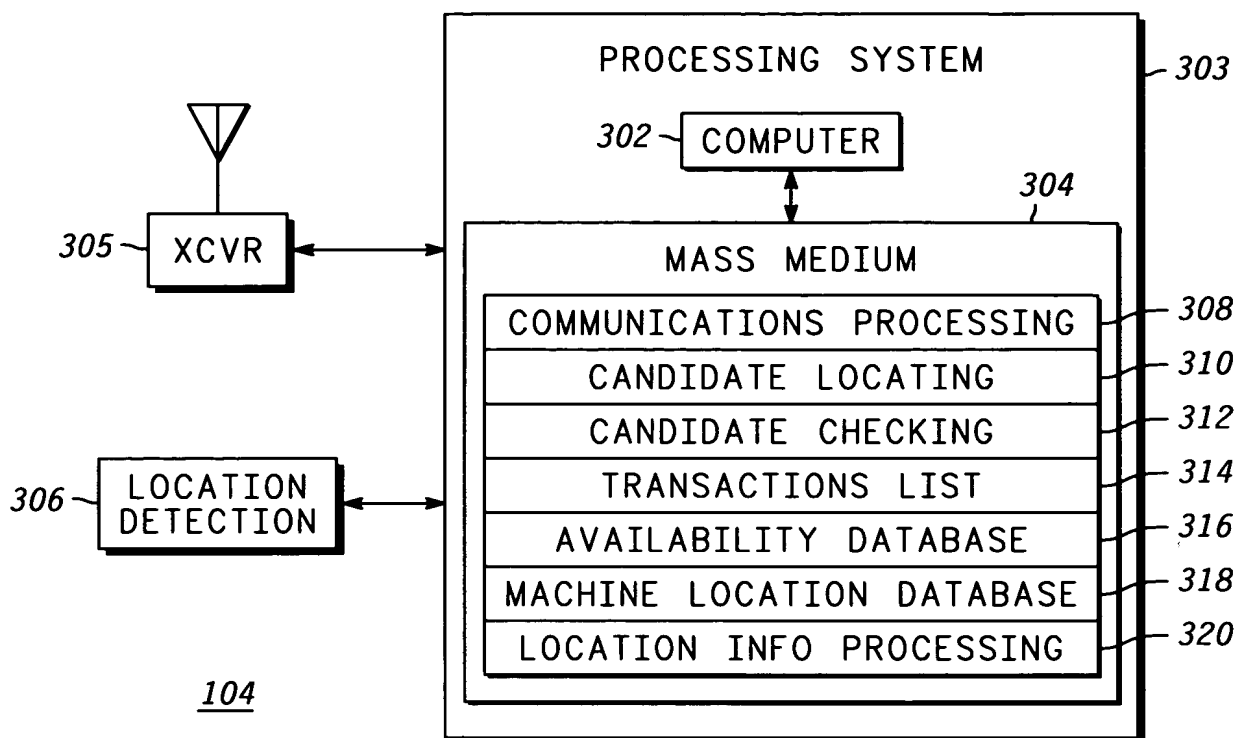
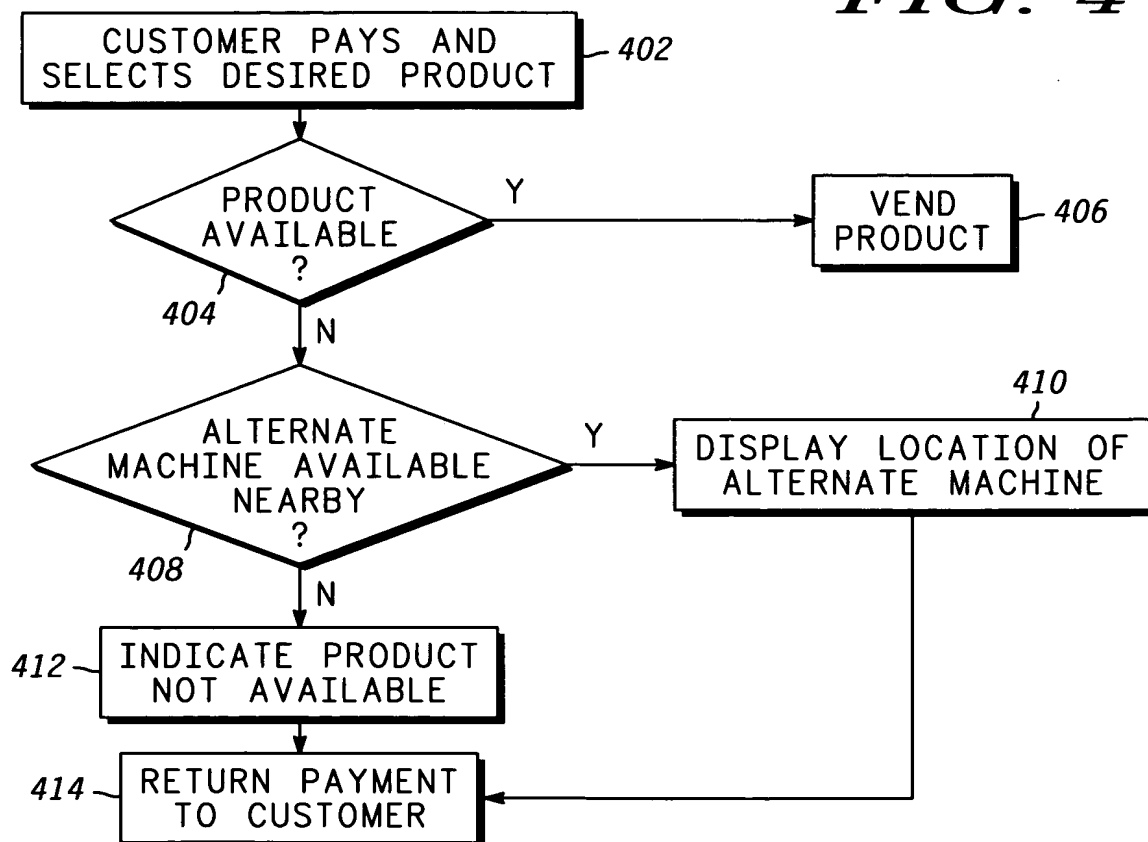
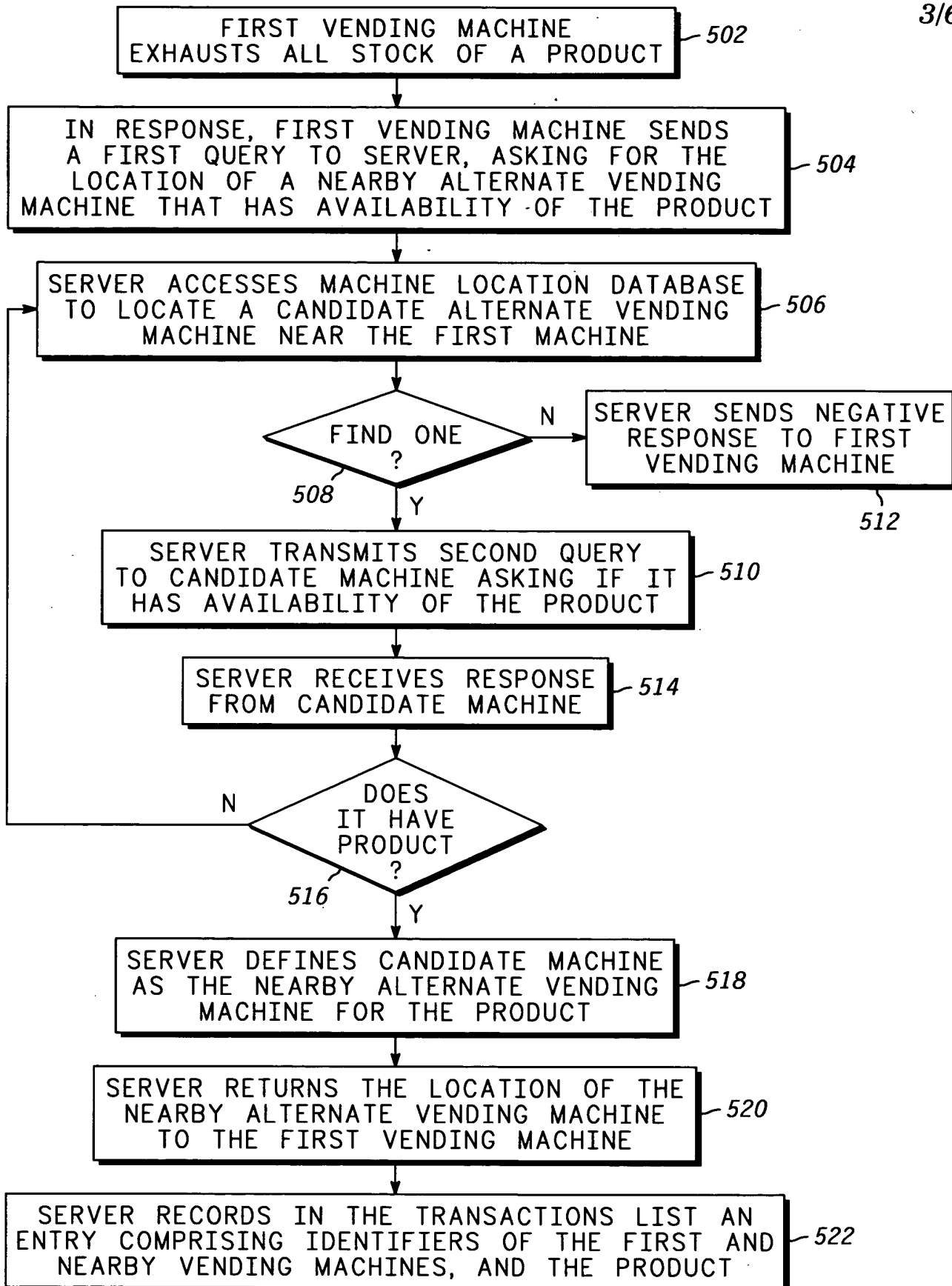
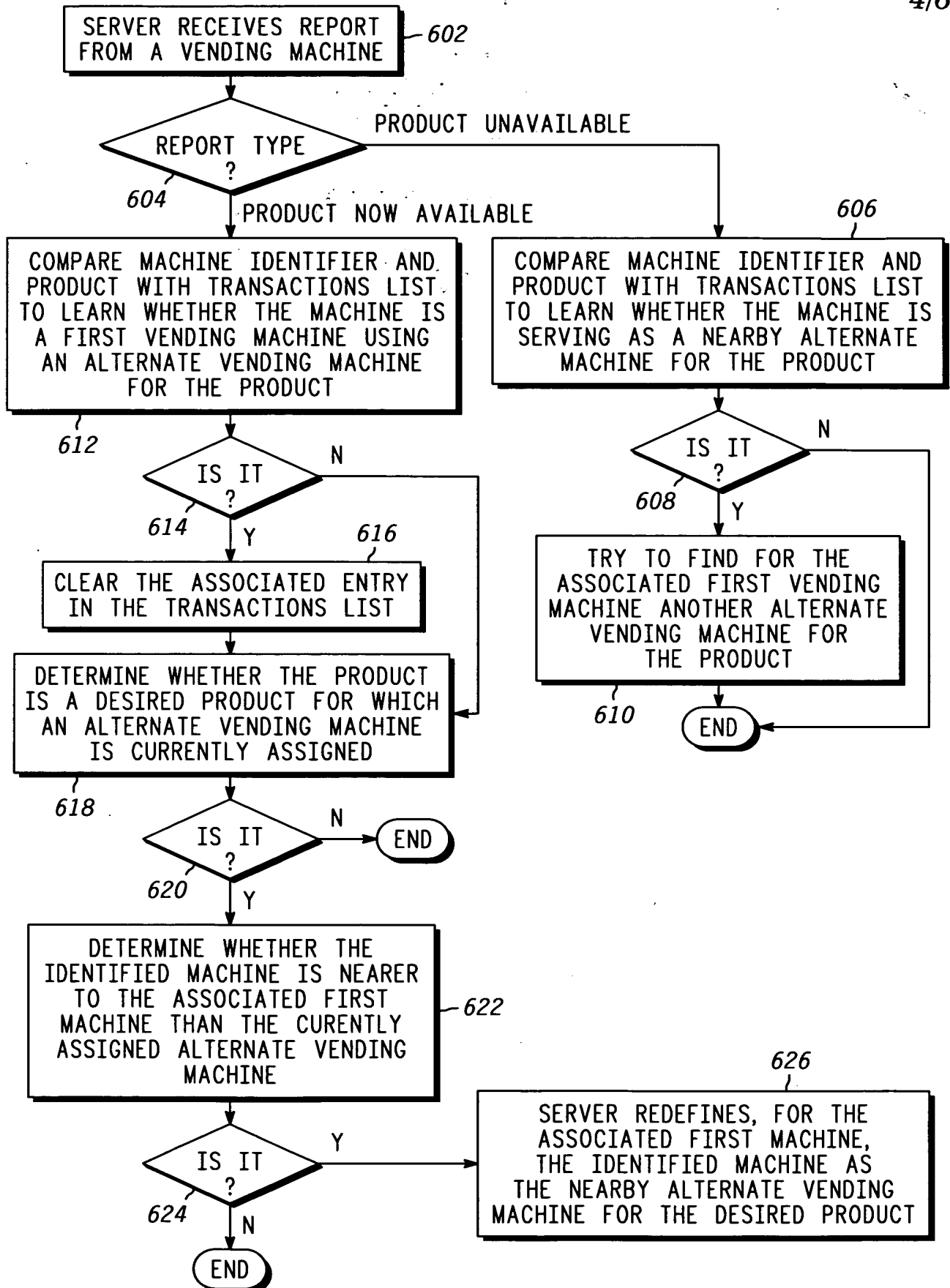


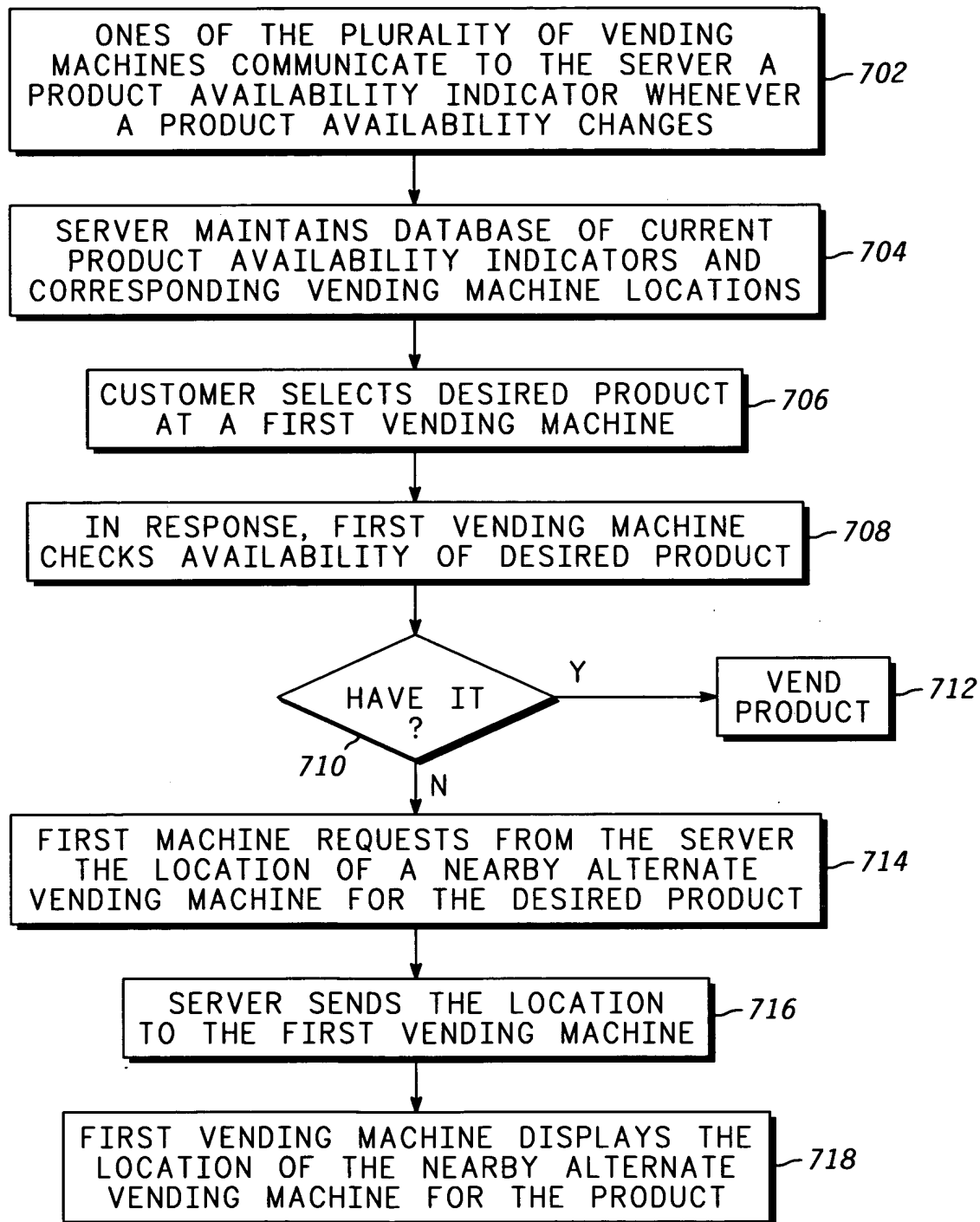
FIG. 3

FIG. 4




FIG. 5


FIG. 6

**FIG. 7**

FIRST VENDING MACHINE MAINTAINS A LIST OF CANDIDATE VENDING MACHINES LOCATED NEAR THE FIRST VENDING MACHINE

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FIRST VENDING MACHINE COMMUNICATES WITH AT LEAST ONE OF THE CANDIDATE VENDING MACHINES TO LOCATE A DESIRED PRODUCT, WHEN THE FIRST VENDING MACHINE HAS NO AVAILABILITY OF THE DESIRED PRODUCT

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FIG. 8

FIG. 9

TRANSCIVER HAVING A LIMITED RANGE COMMUNICATES ABOUT A DESIRED PRODUCT WITH AT LEAST ONE CANDIDATE ALTERNATE VENDING MACHINE WITHIN RANGE OF TRANSCIVER, WHEN FIRST VENDING MACHINE HAS NO AVAILABILITY OF THE DESIRED PRODUCT

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N

GOT IT ?

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FIRST VENDING MACHINE QUERIES THE AT LEAST ONE CANDIDATE ALTERNATE VENDING MACHINE FOR ITS LOCATION

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AFTER RECEIVING THE LOCATION OF THE CANDIDATE MACHINE, THE FIRST MACHINE CALCULATES THE DISTANCE BETWEEN THE FIRST MACHINE AND THE CANDIDATE MACHINE

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THE FIRST MACHINE THEN DEFINES THE CANDIDATE MACHINE TO BE THE NEARBY ALTERNATE VENDING MACHINE FOR THE DESIRED PRODUCT, ONLY WHEN THE DISTANCE IS LESS THAN A PREDETERMINED DISTANCE

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